**Rama Devi Pisarla**

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**PROFESSIONAL SUMMARY:**

* Around 9+ years of full stack development experience in all stages of life cycle, referring to Design, Development, Implementation and testing of web-based applications.
* Experience in Developing User Interface (UI) Rich Web Applications using Front End/User Interface (UI) Technologies using HTML5, DHTML, CSS3 (SaaS, LESS) frameworks, Bootstrap, Java script (ES5& ES6), jQuery, AJAX by managing all facets and pipelines of application.
* Excellent understanding and working knowledge of Software Development Life Cycle (SDLC) methodologies like Agile, Waterfall and Test-Driven Development (TDD).
* Good working experience with Web Technologies such as Angular JS 1 to 9, Node JS, Bootstrap, React.js, Redux, Flux, React Native, HTML5, CSS3, TypeScript, Bootstrap, XML, Ajax, JSON, JSP, JQuery, and JavaScript.
* Hands on experience in working with the backend by using NodeJS, and Mongo DB.
* Experience in implementing a REST API/Microservices using Spring Boot.
* Strong knowledge of designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS) and Azure.
* Good Understanding on using various XML technologies like XPath, XQuery, XSLT, XSD, SAX, DTD/Schemas, DOM and JAXB.
* Experience in working with React.js Virtual DOM and React views, rendering using components.
* Experience in Implementing various screens for the front end using React.js and various predefined components from NPM (Node Package Manager), bower and redux library for Dependency management.
* Strong Experience in JavaScript MVC design pattern such as Angular JS, Backbone JS and Ember JS, Knockout.js.
* Experienced on deploying the Microservices in Dev space of Pivotal Cloud Foundry (PCF) and to deploy in higher environment.
* Experience in developing multiple Angular components which are compatible with latest versions of typescript, Angular CLI.
* Strong experience in developing Single Page Application (SPA), using MEAN (Mongo, Express, Angular and Node) stack.
* Expertise in DevOps, Release Engineering, CI/CD by using various tools like Jenkins, Docker, Bitbucket, Terraform, Chef, Ansible, Docker, ELK, Kubernetes, Nagios.
* Experience in working with the configured and maintained Jenkins to implement the CI/CD process.
* Experience in developing the application with Agile Methodology, Waterfall Methodology and Test-Driven Development.
* Experience in creating, maintaining and clean up the containers on Docker.
* Strong Knowledge in developing Work Flow, Rule based Business Process Management applications on Pega Rules Process Commander (PRPC).
* Completely proficient in Pega Implementation Life Cycle. The Implementation cycle includes modelling of business process, PRPC tool installation, design, development, testing, and deployment.
* Good experience in developing and updating a web page using HTML5, CSS3, AngularJS, React.js, Java Script, backbone.js, and JQuery across various browsers and thereby achieving cross browser compatibility.
* Experience with messaging systems like Kafka, Kafka event sourcing.
* Hands on experience in developing server - side JavaScript frameworks using Node JS (Hapi JS, Express JS) to build event driven, non-blocking i/o model web applications.
* Experience with Troubleshooting AWS EC2 instances for Status check through System Status checks and Instance Status checks alerts and maintained S3 buckets, VPC (Virtual Private Cloud), ELB (Elastic Load Balancers), and RDS (Relational Database Services).
* Hands on Experience with build tools as task runner using Gruntjs, Gulp Server, Yeoman to perform repetitive tasks of Magnification, compilation, Unit testing.
* Knowledge on Docker to create Containers using Docker file and using Docker compose.
* Experienced in using Java Messaging Service (JMS), ActiveMQ, RabbitMQ, and Apache Kafka.
* Proficient in working with web application's UI testing frameworks such as Karma, Jasmine, Protractor for Angular JS, Mocha and Chai for React JS and Backbone JS.
* Experience with Rational Application Developer (RAD), Websphere Application Server, Weblogic Application server, Tomcat, JBoss Application Server.
* Experience in various version control tools like SVN, CVS, Git.
* Experience in Microservices development using spring boot and deployment in Amazon web Services (AWS) cloud.
* Good understanding Core Java SE 8 concepts like Streams API, Time API, Functional Interfaces, Multithreading, Transaction Management, Exception Handling, Lambda functions, Generics and Collection API.
* Experience in using JIRA Tool for keeping track of bugs, Issues, work flow and releases.
* Good knowledge on working with Relational database ORM frameworks like PostgreSQL, MySQL, DB2, Oracle 13c/11g, Ibatis and NoSQL DB (Mongo DB and Cassandra, Couch DB, Redis, DynamoDB).
* Expertise to interact with ORM frameworks like Hibernate, Spring Data, iBatis and JPA.

**EDUCATION:**

* BTech in Computer science from JNTUH in 2011.

**TECHNICAL SKILLS:**

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| **Languages** | C, C++, Java6/7/8, SQL, PL/SQL. |
| **Tools and Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, JSF, Junit, SOAP UI, JReport, Rational Rose, kafka, RabitMQ, Spring Boot. |
| **Build Tools** | ANT, Vagrant, Maven, Docker and Jenkins. |
| **Version Control** | Tortoise SVN, CVS and GIT. |
| **Web Technologies** | HTML5, CSS3, JavaScript, ReactJS, jQuery, Bootstrap, JSON Restful, AngularJS 9, AJAX, vert. x, Node.JS. |
| **J2SE/J2EE Technologies** | Java, J2EE, RMI, Sockets, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, Jakarta Struts, JSF, EJB, Spring, Hibernate, JTA, JNDI, JPA, JMS. |
| **Methodologies** | Agile, Test-Driven Development, Waterfall. |
| **Databases** | Oracle, SQL-Server, MySQL server, MS SQL, IBM DB2, MongoDB, NoSQL, Cassandra. |
| **Web/Application Servers** | Apache Tomcat, IBM WebSphere, Web logic Application server, JBOSS, Camel. |
| **XML Technologies** | XML, XSL, DOM, SAX, DTD, XQuery, XSD and XSLT. |
| **IDE / Tools** | Eclipse, IntelliJ, Spring Tool Suite (STS), RAD, Adobe Dreamweaver. |
| **Testing Tools / Others** | JUnit, Mockito, Selenium, Soap UI, SLF4J, Log4j and JIRA. |
| **Platforms** | Windows, Linux and Unix. |
| **Web Services** | SOAP, Microservices, JAX-RPC, WSDL, JAX-RS JAX-WS, UDDI, JAX-B, CFX, Restful. |
| **Cloud Technologies** | AWS EC2, S3, RDS. |

**PROFESSIONAL EXPERIENCE:**

**Company: Suprasoft Inc, IL USA**

**Client: Wells Fargo, Chicago IL Sep 2021 – Present**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Responsible for documenting in the various phase’s software development life cycle
* Involved in all the phases of the life cycle starting from scoping Il deployment.
* Proficient in various technologies like Core Java (Multi-threading, collections), JSP, Servlets, JMS, JDBC, SOA, XML, XSD, DOM, SAX, XSLT, Web Services, JSF.
* Worked in the areas of web applications using HTML5, CSS3, JavaScript, AJAX, jQuery, JSON, AngularJS and ReactJS.
* Implemented Angular directives, expressions, routing capabilities for bookmarking, filters, validations and Angular UI components, Components, ng-Modules, Providers, Services and classes for navigation respectively
* The application is based on Microservice Oriented Architecture using Angular and Cassandra and MySQL to develop Single Page Applications (SPA).
* Used Micro service architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Developed API for using AWS Lambda to manage the servers and run the code in AWS.
* Migrated Java, JSP pages to HTML5, CSS3, Node.js, and Angular.js 9.
* Participated in a Scrum team and Agile Practices including Test-Driven Development (TDD), Behaviour-Driven Development (BDD) and pair programming.
* Using Node Package Manager (NPM) to install the necessary packages from my application using Node.JS.
* Involved in CI/CD by using Jenkins, Git, Maven, Docker.
* Applied to the business modules integration using Spring Boot, Cassandra DB (NoSQL).
* Provided technical leadership in defining, developing, and resolving issues in a fast-paced and agile environment.
* Created custom, self-contained, reusable and testable Angular modules, controllers, directives and services to implement key functionalities for customer account summary.
* Installed, maintained and finetuned the Apache-Tomcat server and Websphere Application Server in Linux Platform.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Used Spring JDBC API to talk MySQL Database for Read and Write operations
* Provided thought leadership for technical solutions for various Database Platforms.
* Provided service quality node.js Server in the back end to handle requests sent from the front-end jQuery Ajax calls.
* Implemented Kafka producer and consumer applications with help of the zookeeper and retrieved log messages using Kafka.
* Developed front end using JavaScript, HTML5, CSS3, Bootstrap, Ajax, JSON, XML, jQuery, Angular.js, React.js, Node.js, TypeScript.
* Monitor server logs to support production activities with the help of Kubernetes logs and Splunk cloud logging.
* Developed data transformer for converting legacy data from Source tables to Avro format and fed into Kafka using Apache Camel.
* Integration of Madison Cable Product Management REST API.
* Developed Networking policies for Docker containers. Worked on opensource development tools like Docker Containers, Mesos and Kubernetes. Also, worked on GitHub.
* Using Swagger Framework, actualizing the Restful API and Swagger gives the rich UI to test API.
* Debug the application using Firebug to traverse the documents and manipulate the Nodes using DOM and DOM Functions.
* Implemented the various services using Micro services architecture in which the services working dependently, implemented Spring Boot Micro services to divide the application into various sub modules.
* Wrote scripts in JMeter to test the performance of the API's
* Developed core front end components of a fast, scalable, complex desktop-class web application using AngularJS framework.
* Worked installing, configuring and integrating Automation scripts on Continuous Integration tools (CI/CD) like Jenkins for nightly test suite execution and working on knowledge on testing.
* Creating S3 buckets, Utilized S3 bucket and Glacier for storage and backup on AWS.
* Analyzed the Node.JS server structure in the legacy project, then mimicked the REST service by using Java JAX-WS API and did the corresponding configurations.
* Involved in Scrum/Agile methodology of software development.
* Employed Spring Boot for initialize and bootstrapping the build configuration for the boot-based web applications.
* Used Eclipse as IDE tool and JIRA for bug and issue tracking.
* Create a Lambda that triggers a REST call to trigger the logical validation errors email process model in Appian.
* Create a Lambda that triggers a REST call to trigger the duplicate and valid values error email process model in Appian.
* Worked on unit, integration, module and smoke testing.
* Implemented Cucumber for behavioural testing of application.
* Developed reusable UI components using ES6, Handlebars and Webpack.

**Environment:** Java, J2EE, Java Script, JSP, HTML, CSS, XML, SOAP, Hibernate, MySQL DB, Spring API Boot, spring boot, PL/SQL, API, AWS Lambda, jQuery, Angular JS, Node.JS, Eclipse, Git, Kafka, IBM Web Sphere Application server, Docker, Agile.

**Company: Genpact , India**

**Client: Ensono, Downers Grove, IL Feb 2020 - August 2021**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Developed a Micro Service Oriented application with React JS in the front end and Spring Boot services.
* Developed and implemented views using HTML5, CSS3/LESS, Bootstrap 4.0, AJAX.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
* Worked with React JS to build Bootstrap components for responsive UI Objects and linked with API data to view render the virtual DOM dynamically.
* Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and Redux library.
* Implemented Node JS as a server-side proxy for an observing various response time.
* Used React Router to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.
* Used Redux Framework architecture (like Reducers, Containers, Saga) for integrating the data with React-Native Application and created and used Reducers to modify.
* Worked with Kafka Cluster using Zookeeper. Developed Applications using Rule Engines-JbossDrools 4.x, Work flows, Human tasks to implement Business rules validations.
* Used AWS Appsync service to communicate between DynamoDB tables and service layers to fetch the data.
* Implemented modules into Node JS to integrate with designs and requirements.
* Installed, configured, and hosted the Tomcat app servers and Oracle/MongoDB database servers on physical servers (Linux, Windows), and Amazon AWS virtual servers (Linux).
* Used Node Package Manager (NPM) to manage modules & used it to install useful tools as Grunt and Express.
* Involved in working on React.js for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Worked with Angular CLI and Typescript in Angular 4.0 to create Controllers and Angular components for the Web Pages.
* Used Spring Boot and developed the application as Microservices.
* Participated in Agile (Scrum) methodology and Involved in Design, development, System Testing and User Acceptance Testing.
* Used Docker as a new level of simplicity to define and create applications or services by encapsulating them in containers.
* Used Docker containers for eliminating a source of friction between development and operations.
* Used Angular CLI to generate components, services, filters and compiled in different environments.
* Used Axios AJAX request to retrieve data from server simultaneously.
* Performed Unit testing on applications using tools Mocha and Chai to test React JS components.
* Experienced in using the Spring Data JPA framework to interact with the database and do CRUD operations.
* Spring Config server is used for externalizing configurations in a distributed system by encrypting and decrypting the property values for security and easy maintainability.
* Experience in migrating the AWS RDS database to host on EC2 instance for enhanced cost savings.
* Experience in working on cloud-specific AWS technologies including IAM, Simple Storage Services (S3), Elastic Bean Stalk, Virtual Private Cloud (VPC), Appsync, RDS and Cloud Watch.
* Worked on functions in AWS Lambda that aggregates the data from incoming events, and then stored result data in Amazon DynamoDB and to S3 buckets.
* Implemented Kafka Producer and Kafka Consumer in Microservices to ensure real time data flow.
* Experienced in writing PL/SQL Procedures, views, indexes, triggers and functions to create and manage data.
* Used Spring Data JPA to perform CRUD operations on Oracle database from Spring boot applications.
* Used Express JS which is fast, assertive, essential, and moderate web framework of Node.js that helps manage a server and routes.
* Injected Angular built-in http service to custom services to communicate with backend with RESTful APIs and Used Pipes to format and sort data displayed in the templates.
* Involved in configuring the GIT repository and maintain the version control using GIT.
* Also experienced in writing complex multi table joins and conditional queries for extracting data.
* Used Jenkins CI/CD pipelines to build all our applications to docker registry and then deployed to Kubernetes.
* Ability to write the unit test for frontend by using Karma and Jasmine framework and writing the integration test cases by using the Protractor test cases.
* Worked with Express JS which gives MVC Structure to the Node JS.
* Developed the application with angular libraries ng2-datepicker, angular/material, Angular6 Web pack.
* Wrote the unit test cases for server-side applications by using the Junit5 and Mokito framework.
* Experience in creating the performance tests using JMeter to ensure the performance of the application.
* Experienced in writing the integration tests by using the Spring MVC test framework and h2 database.
* Developed logging module using Log4J 2 to create log files to debug and trace application.
* Responding to production issues, daily application maintenance, incident resolution and responsible for process improvement, application monitoring strategy, and overall application stability.
* Maintain the progress of issues worked on in-progress status in JIRA.
* Participate in approving the pull requests and weekly code reviews to ensure the code quality.
* Experienced in creating pipeline scripts for CI/CD deployment using Bamboo.

**Environment:** JavaScript, React JS-Redux, HTML5, CSS3-LESS, AJAX, Bootstrap, jQuery, Spring Security, Rabbit MQ, Spring Data, Spring Batch, Quartz Scheduler, Hibernate, Microservices, Restful services, Eclipse Java EE IDE, Jenkins, Spring Cloud-Netflix, Splunk, Node Package Manager(NPM), Oracle DB, MySQL, Spring Data, Spring AOP, Spring Transaction Management, Spring Batch, RESTful Services, Swagger, Jersey, Docker, Ribbon, JUnit, Mokito, Mocha, Chai, Selenium, Cucumber, Cassandra DB, Git, Cassandra Node Connector, Gradle, JBoss, WADL, Web pack, Pivotal Cloud Foundry(PCF), Drools, IBM MQ, Kafka.

**Company: Genpact, India**

**Client: Perficient Fairfax, VA Apr 2018 – Jan 2020**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Actively participated in different phases of the Software Development Life Cycle (SDLC) and analyzed Use case diagrams and Class diagrams based on requirement.
* Designed Use case and Class diagrams using Rational Rose and documented the design diagrams.
* Involved in the analysis and troubleshooting of issues which are tracked through JIRA.
* Involved in System Analysis and Design methodology as well as Object Oriented Design and development using OOAD methodology to capture and model business requirements.
* Developed UI pages using HTML5, Bootstrap, CSS3, JavaScript, jQuery, AJAX, React.js, and Node JS.
* Designed the application using Microservices Architecture (based on Spring Boot) and Angular framework.
* Involved in developing applications by using Core Java concepts, Servlets, JSP and connection to the Database is done by JDBC Bridge.
* Involved in designing, developing and testing of J2EE components like Java Beans, Java, XML, Collection Framework, JSP, Servlets, JDBC.
* Responsible for coding Oracle SQL Statements, Stored procedures, functions, and triggers for back-end communication using JDBC.
* Implemented the project by using Spring MVC framework for the business layer using Spring Core, DAO, Spring ORM, and Spring Web MVC.
* Developed data transformer for converting legacy data from Source tables to Avro format and fed in to Kafka using Camel.
* Involved in the analysis, design, and development phases of the Software Development Life Cycle (SDLC) using Agile (SCRUM) development methodologies.
* Involved in writing deployment, service, and ingress objects for deploying our application into Kubernetes.
* Configured AWS EC2 instances, S3 Buckets and Cloud Formation Services based on the business requirements.
* Involved in working with J2EE Design patterns (Singleton, Factory, DAO, and Business Delegate) and Model View Controller (MVC) Architecture with AngularJS for frontend.
* Worked on creation of custom Docker container images, tagging, pushing images, integration of Spring boot.
* Created the Docker containers and Docker consoles for managing the application life cycle.
* Used Spring Boot at back-end which helps to develop application with ease.
* Deployed Spring Boot based micro services and Docker container in internal cloud server.
* Implemented Microservices using Spring boot, and used Spring IOC, AOP, Spring Boot to implement middle tier.
* Designed and developed Microservices business components using Spring Boot.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using Apache Kafka.
* Used Spring Boot for building application with Spring initializers and bootstrapping the build configuration.
* Implemented the Spring MVC application components as per TDD (Test Driven Development) using hibernate. To communicate with database, we used Hibernate framework.
* Involved in Educating the developers on how to commit their work and how can they make use of the CI/CD pipelines that are in place.
* Implemented with unit testing using JUnit and writing build scripts using Maven.
* Developed and Implemented Single Page Design using Angular, HTML, CSS to build a cross-browser compliant application and used Bootstrap for responsive web application.
* Designed and developed web site application using AJAX, React.JS, Bootstrap, Node JS, Java Swing, CSS 3, HTML5, JQuery, JSP, Tiles framework and XML.
* Used Maven as build tool and Jenkins for continues integration development.
* Worked on Hibernate with Spring Integration as the data abstraction to interact with the database and used dependency injection (DI) using Spring framework and annotations.
* Involved in Junit testing performed unit testing for each module and prepared code Documentation for future reference and upgrades.
* Involved in working with the QA to assist in writing test code and debugging the defects in the application.
* Used GIT as version control management for code commits.
* Created an on -the-fly configuration changes set up, with application saved in Node.js.
* Implemented Spring Model View Controller (MVC) Architecture and coded Java Beans.
* Created REST webservices with Spring MVC to provide functionality for future development.
* Built REST APIs to provide JSON objects for communication with Client-Side Application.
* Involved in producing and consuming the SOAP/REST Web Services.
* Worked with Web Logic, Apache Tomcat servers and JBoss servers to deploy and configure Java API’s and front-end modules.
* Used Log4J to for logging and debugging the application.

**Environment:** Java, J2EE, Apache Tomcat Server, WebSphere, HTML, Servlets, JSP, JDBC, Oracle, MySQL, Hibernate, HTML, CSS, JavaScript, Agile Methodology, JSTL, My Eclipse, XML, Docker, Angular, JSP, Servlets, Spring, Hibernate, Web services, SQL, Microservices, GIT, Maven, Log4j, JUnit, WebLogic, IBM, JIRA, Kafka.

**Company: Genpact, India**

**Client: GE, India May 2013 – Mar 2018**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Participate actively in the complete software development lifecycle, including performance analysis, design, development, and testing.
* Designed and developed user interfaces for an ERP project in Java Server Faces (JSF).
* Wrote Enterprise Java beans (EJBs) for Business Logic Processing.
* Used GIT for version control tool for merging branches and used Source tree to solve conflicts.
* Designed and developed Java Persistence components like, entity managers and entities for data persistence.
* Worked with Threads, Multithreading, Synchronization and Collection API.
* Worked on Web application development for backend system using Angular with cutting edge HTML5 and CSS3 techniques.
* Used the basic principles of MVC to incorporate the Angular 4 to build client-side application and Node JS as server-side scripting.
* Used Spring Boot which is radically faster in building cloud Microservices and develop Spring based application with very less configuration.
* Applied jQuery, Bootstrap, CSS3, JSP, and JSTL to build interactive and dynamic UI.
* Participated in Agile Scrum methodology for application development.
* Involved in developing CI/CD system with Jenkins on Kubernetes container environment utilizing Kubernetes.
* Used AJAX calls for data updates in UI along with JSON data parsing.
* Responsible for providing day-to-day functional and technical support for end users, optimizing business workflow for multiple business teams.
* Designed UML diagrams from requirement specification documents, user interfaces setting expectations and features priorities throughout Software Development Life Cycle.
* Hands on Working experience in Web Based Applications and Windows Based Applications.
* Responsible for writing SQL Queries and Procedures using Oracle 10g database.
* Responsible for writing Junit test cases and Peer level testing.
* Improved database performance by recognizing and rewriting slow queries.
* Created UML diagrams such as Class Diagrams and Sequence Diagrams using IBM Rational Rose.

**Environment:** Java, IBM RAD, Eclipse, IntelliJ, VS Code, GIT, JIRA, Android, MySQL Server, SQL PL/SQL